MISSIONER FOR PATENTS

Washington, D.C. 20231

Express Mail No.: EL815472799US **Date of Deposit:**

21 September 2001

Sir:

Transmitted herewith for filing is the patent application of

Inventor:

John J. KILBANE, II

For:

APPLICATION OF BIOINFORMATICS FOR DIRECT STUDY

OF UNCULTURABLE MICROORGANISMS

Enclosed are:

 \times

 \boxtimes

 \boxtimes

- Twenty-seven (27) pages of specification, five (5) pages of claims (Claims 1-21), one (1) page of Abstract, and three (3) sheets of drawings (Figs. 1-3).
- \boxtimes Unexecuted combined Oath or Declaration, Power of Attorney and Petition. (2 pages)
- \boxtimes Certificate of Mailing by Express Mail.
 - Information Disclosure Statement, together with Form PTO-1449 (page(s)) and a copy of each and every cited reference.
 - Letter Re Filing Pursuant to 37 CFR 1.53.
 - Return Receipt Postcard.

The filting fee has been calculated as shown below:

| | COL. 1 | COL. 2 | SMALL ENTITY | | | LARGE ENTITY | |
|---|-----------|--------------|--------------|-------|----|--------------|-------|
| FOR: | NO. FILED | NO. EXTRA | RATE | FEE | OR | RATE | FEE |
| BASIC FEE | | | | \$355 | OR | | \$710 |
| TOTAL CLAIMS | less 20 | | X 09 = | | OR | X 18 = | |
| NDEPENDENT CLAIMS | less 3 | | X 40 = | | OR | X 80 = | |
| MULTIPLE DEPENDENT CLAIMS PRESENTED | | | +135= | | OR | +270 = | |
| * IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2 | | | TOTAL | | OR | TOTAL | |

- Please charge my Account No. 19-3550 in the amount of \$. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-3550. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 CFR 1.16.
 - Any patent application processing fees under 37 CFR 1.17.

Pauley Petersen Kinne & Fejer 2800 W. Higgins Road, Suite 365 Hoffman Estates, Illinois 60195 Phone (847) 490-1400 Fax (847) 490-1403

Mark E. Fejer

Registration No. 34,817

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

John J. KILBANE, II

Title:

APPLICATION OF BIOINFORMATICS FOR DIRECT

STUDY OF UNCULTURABLE MICROORGANISMS

Express Mail No.: EL815472799US

Date of Deposit:

21 September 2001

LETTER RE FILING PURSUANT TO 37 CFR 1.53

BOX PATENT APPLICATION

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

This application is being filed pursuant to 37 CFR 1.53, with an unexecuted combined Oath or Declaration, Power of Attorney and Petition, and without the appropriate filing fee.

Upon notification by the United States Patent and Trademark Office, the formal requirements will be met within the time prescribed.

Respectfully submitted,

Mark F. Frier Mark E. Fejer

Regis. No. 34,817

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

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CERTIFICATE OF MAILING BY EXPRESS MAIL

BOX PATENT APPLICATION

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

I hereby certify that the subject patent application is being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL815472799US, on 21 September 2001, and is addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, together with the items listed below.

- Transmittal Letter
- Twenty-seven (27) pages of specification, five (5) pages of claims (Claims 1-21), one (1) page of Abstract, and three (3) sheets of drawings (Figs. 1-3)

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 and Petition (2 pages)
- Letter Re Filing Pursuant to 37 CFR 1.53
- Return Receipt Postcard

Respectfully submitted,

Muh R. Fin

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